5367.230-US October 22, 2004 Application Number 10/730,215 Page 2 of 7

AMENDMENTS TO THE CLAIMS

The following Listing of Claims replaces all prior versions, and listings, of claims in this Application.

LISTING OF CLAIMS

1-3 (cancelled)

(presently amended) A method of promoting the treatment of 4. small bowel syndrome, Crohn's disease, Ileitis, intestinal inflammation, gastric ulceration, duodenal ulceration, inflammatory bowel disease, or intestinal cancer damage therapy in a patient comprising administering an effective amount of a pharmaceutically acceptable composition comprising (a) a non-naturally occurring polypeptide having an amino acid sequence according to the formula X1 H X2 D G S F S D E M N T X3 L D X4 L A X5 X6 D F I N W L X7 X8 T K I T D X9 (SEQ ID NO: 1) and (b) a pharmaceutically acceptable combination of (i) an isotonic agent, (ii) a buffer, and (iii) a preservative, a surfactant, or a combination of a surfactant and a preservative, wherein (I) X1 is NH2, DFPEEVAIVEELGRR (SEQ ID NO:2), DFPEEVTIVEELGRR (SEQ ID NO:3), DFPEEVNIVEELRRR (SEQ ID NO:4), or a fragment of any of SEQ ID NOS:2-4; X2 is Ala or Gly; X3 is Ile or Val; X4 is Asn, Ser, or His; X5 is Ala or Thr; X6 is Arg or Lys; X7 is Ile or Leu; X8 is Gln or His; and X9 is OH, Lys, Arg, Arg-Lys, Lys-Arg, Arg-Arg, or Lys-Lys and (II) the solubility of the peptide, stability of the peptide, or both is significantly greater than the solubility

5367,230-U5 October 22, 2004 Application Number 10/730,215 Page 3 of 7

and/or stability of the peptide without the combination the composition of claim 2 to the patient.

5. (presently amended) The method of claim 4, wherein X2 represents Gly A method of promoting the treatment of small bowel syndrome, Crohn's disease, ileitis, intestinal inflammation, gastric ulceration, duodenal ulceration, inflammatory bowel disease, or intestinal cancer damage therapy in a patient comprising administering an effective amount of the composition of claim 3 to the patient.

6-9 (cancelled)

of small bowel syndrome, Crohn's disease, ileitis, intestinal inflammation, gastrie ulceration, duodenal ulceration, inflammatory bowel disease, or intestinal cancer damage therapy in a patient comprising administering an effective amount of the peptide of claim 6 a non-naturally occurring polypeptide having an amino acid sequence according to the formula X1 H X2 D G S F S D E M N T X3 L D X4 L A X5 X6 D F I N W L X7 X8 T K I T D X9 (SEQ ID NO: 1), wherein (I) X1 is NH2, DFPEEVAIVEELGRR (SEQ ID NO:2), DFPEEVTIVEELGRR (SEQ ID NO:3), DFPEEVNIVEELRRR (SEQ ID NO:4), or a fragment of any of SEQ ID NOS:2-4; X2 is Ala or Gly; X3 is Ile or Val; X4 is Asn, Ser, or His; X5 is Ala or Thr; X6 is Arg or Lys; X7 is

5367.230-US October 22, 2004 Application Number 10/730,215 Page 4 of 7

Ile or Leu; X8 is Gln or His; and X9 is OH, Lys, Arg, Arg-Lys, Lys-Arg, Arg-Arg, or Lys-Lys to the patient.

- 11. (presently amended) The method of claim 10, wherein X2 represents Gly A method of promoting the treatment of small bowel syndrome, Crohn's disease, ileitis, intestinal inflammation, gastric ulceration, duodenal ulceration, inflammatory bowel disease, or intestinal cancer damage therapy in a patient comprising administering an effective amount of the peptide of claim 7 to the patient.
- 12. (new) The method of claim 10, wherein the composition comprises a preservative.
- 13. (new) The method of claim 12, wherein the composition comprises a surfactant.
- 14. (new) The method of claim 4, wherein the method comprises reconstituting a lyophilized composition comprising the non-naturally occurring polypeptide and preparing the pharmaceutically acceptable composition prior to administering the pharmaceutically acceptable composition to the patient.
- 15. (new) The method of claim 10, wherein the method comprises reconstituting a lyophilized composition comprising the non-

Application Number 10/730,215 Page 5 of 7

→ USPTO

5367.230-US October 22, 2004

naturally occurring polypeptide prior to administering the polypeptide to the patient.